

45997 MODIF?
36277 ALTER?
61253 NUCLEIC
177025 ACID#
61145 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
24992 POLYNUCLEOTIDE#
170661 DNA
L4 28424 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'BIOSIS'
235358 SYNTHETIC
148029 VARIANT#
514673 MODIF?
886391 ALTER?
73669 NUCLEIC
1759800 ACID#
72805 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
10295 POLYNUCLEOTIDE#
1314574 DNA
L5 97992 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'EMBASE'
131031 SYNTHETIC
123090 VARIANT#
441025 MODIF?
784506 ALTER?
44198 "NUCLEIC"
1668361 ACID#
43854 NUCLEIC ACID#
("NUCLEIC" (W) ACID#)
4184 POLYNUCLEOTIDE#
757182 DNA
L6 81022 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'HCAPLUS'
668664 SYNTHETIC
141087 VARIANT#
1157537 MODIF?
1064561 ALTER?
222951 NUCLEIC
5283021 ACID#
221822 NUCLEIC ACID#
(NUCLEIC (W) ACID#)
23985 POLYNUCLEOTIDE#
935330 DNA
L7 139968 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'NTIS'
20106 SYNTHETIC
5071 VARIANT#
101349 MODIF?
97728 ALTER?
2359 NUCLEIC
57782 ACID#
2338 NUCLEIC ACID#
(NUCLEIC (W) ACID#)

269 POLYNUCLEOTIDE#
10310 DNA
L8 1703 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'ESBIOBASE'
55833 SYNTHETIC
63622 VARIANT#
209818 MODIF?
343911 ALTER?
34358 NUCLEIC
494585 ACID#
34187 NUCLEIC ACID#
(NUCLEIC(W)ACID#)
1072 POLYNUCLEOTIDE#
350967 DNA
L9 58267 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'BIOTECHNO'
41250 SYNTHETIC
41198 VARIANT#
86734 MODIF?
148127 ALTER?
19939 NUCLEIC
371908 ACID#
19837 NUCLEIC ACID#
(NUCLEIC(W)ACID#)
1566 POLYNUCLEOTIDE#
388151 DNA
L10 41298 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

FILE 'WPIDS'
265005 SYNTHETIC
37109 VARIANT#
372962 MODIF?
535005 ALTER?
81383 NUCLEIC
1252910 ACID#
81036 NUCLEIC ACID#
(NUCLEIC(W)ACID#)
32569 POLYNUCLEOTIDE#
99443 DNA
L11 33906 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

TOTAL FOR ALL FILES
L12 703416 (SYNTHETIC OR VARIANT# OR MODIF? OR ALTER?) (5A) (GENE/Q OR NUCLEI
C ACID# OR POLYNUCLEOTIDE# OR DNA)

=> s codon(3a) (choice or preference# or select?)
FILE 'MEDLINE'
43440 CODON
155065 CHOICE
63490 PREFERENCE#
888441 SELECT?
L13 617 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'SCISEARCH'
31970 CODON
154960 CHOICE

90794 PREFERENCE#
1178640 SELECT?
L14 623 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'LIFESCI'
18716 CODON
27472 CHOICE
38234 PREFERENCE#
294129 SELECT?
L15 476 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOTECHDS'
6667 CODON
1727 CHOICE
1188 PREFERENCE#
88557 SELECT?
L16 217 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOSIS'
35722 CODON
98126 CHOICE
82438 PREFERENCE#
949763 SELECT?
L17 665 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'EMBASE'
35226 CODON
134476 CHOICE
53282 PREFERENCE#
800603 SELECT?
L18 511 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'HCAPLUS'
42498 CODON
101311 CHOICE
53973 PREFERENCE#
1549328 SELECT?
L19 997 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'NTIS'
101 CODON
16845 CHOICE
5314 PREFERENCE#
174066 SELECT?
L20 2 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'ESBIOBASE'
18766 CODON
46198 CHOICE
30589 PREFERENCE#
386499 SELECT?
L21 396 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'BIOTECHNO'
21971 CODON
7913 CHOICE
7785 PREFERENCE#
148138 SELECT?
L22 307 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

FILE 'WPIDS'
6367 CODON

35086 CHOICE
12450 PREFERENCE#
1374955 SELECT?
L23 229 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

TOTAL FOR ALL FILES
L24 5040 CODON(3A) (CHOICE OR PREFERENCE# OR SELECT?)

=> s l12 and l24
FILE 'MEDLINE'
L25 59 L1 AND L13

FILE 'SCISEARCH'
L26 46 L2 AND L14

FILE 'LIFESCI'
L27 35 L3 AND L15

FILE 'BIOTECHDS'
L28 79 L4 AND L16

FILE 'BIOSIS'
L29 59 L5 AND L17

FILE 'EMBASE'
L30 41 L6 AND L18

FILE 'HCAPLUS'
L31 127 L7 AND L19

FILE 'NTIS'
L32 0 L8 AND L20

FILE 'ESBIOBASE'
L33 40 L9 AND L21

FILE 'BIOTECHNO'
L34 21 L10 AND L22

FILE 'WPIDS'
L35 100 L11 AND L23

TOTAL FOR ALL FILES
L36 607 L12 AND L24

=> s (transcription factor# or splice or poly(w)'a' or polyadenylat? or promoter)(5a)(site# or sequence#)(15a)(reduc? or lower? or decreas?)
FILE 'MEDLINE'
337726 TRANSCRIPTION
2877943 FACTOR#
161976 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W)FACTOR#)
17539 SPLICE
79523 POLY
10320612 'A'
8104 POLYADENYLAT?
143990 PROMOTER
846249 SITE#
942740 SEQUENCE#
1563196 REDUC?
876131 LOWER?
1210052 DECREAS?

L37 1293 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'SCISEARCH'
273450 TRANSCRIPTION
1874738 FACTOR#
114446 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
19781 SPLICE
226415 POLY
13584451 'A'
6598 POLYADENYLAT?
149338 PROMOTER
957365 SITE#
773499 SEQUENCE#
1888820 REDUC?
1066726 LOWER?
1312791 DECREAS?
L38 1152 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'LIFESCI'
156417 "TRANSCRIPTION"
438675 FACTOR#
55198 TRANSCRIPTION FACTOR#
("TRANSCRIPTION" (W) FACTOR#)
9310 SPLICE
26631 POLY
2794251 'A'
5278 POLYADENYLAT?
79708 PROMOTER
346485 SITE#
352871 SEQUENCE#
420608 REDUC?
206528 LOWER?
315711 DECREAS?
L39 1226 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'BIOTECHDS'
24119 TRANSCRIPTION
51293 FACTOR#
4145 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
1933 SPLICE
9089 POLY
430457 'A'
2060 POLYADENYLAT?
41503 PROMOTER
46790 SITE#
147947 SEQUENCE#
65211 REDUC?
22657 LOWER?
31371 DECREAS?
L40 260 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'BIOSIS'

288565 TRANSCRIPTION
1736661 FACTOR#
100433 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION(W) FACTOR#)
18634 SPLICE
161695 POLY
10949312 'A'
 8757 POLYADENYLAT?
155180 PROMOTER
887389 SITE#
689552 SEQUENCE#
1674256 REDUC?
1002153 LOWER?
1423576 DECREAS?
L41 1318 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
 OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
 DECREAS?)

FILE 'EMBASE'
341674 "TRANSCRIPTION"
1625183 FACTOR#
113120 TRANSCRIPTION FACTOR#
 ("TRANSCRIPTION" (W) FACTOR#)
15532 SPLICE
67559 POLY
8830572 'A'
 8132 POLYADENYLAT?
125067 PROMOTER
702339 SITE#
709588 SEQUENCE#
1481288 REDUC?
798746 LOWER?
1116686 DECREAS?
L42 1152 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
 OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
 DECREAS?)

FILE 'HCAPLUS'
418562 TRANSCRIPTION
1883024 FACTOR#
230491 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION(W) FACTOR#)
22522 SPLICE
760619 POLY
22953699 'A'
 12742 POLYADENYLAT?
210101 PROMOTER
1089263 SITE#
984913 SEQUENCE#
2484159 REDUC?
1017091 REDN
3036032 REDUC?
 (REDUC? OR REDN)
1723302 LOWER?
2583284 DECREAS?
L43 1892 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
 OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
 DECREAS?)

FILE 'NTIS'
2454 TRANSCRIPTION
157326 FACTOR#

627 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
521 SPLICE
5830 POLY
1768995 'A'
20 POLYADENYLAT?
1275 PROMOTER
132673 SITE#
30419 SEQUENCE#
193727 REDUC?
71808 LOWER?
54979 DECREAS?
L44 1 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'ESBIOBASE'
159589 TRANSCRIPTION
637998 FACTOR#
72290 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
11554 SPLICE
25820 POLY
3355893 'A'
3485 POLYADENYLAT?
83092 PROMOTER
624026 SITE#
329042 SEQUENCE#
627565 REDUC?
342762 LOWER?
487067 DECREAS?
L45 1318 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'BIOTECHNO'
160885 TRANSCRIPTION
296524 FACTOR#
41412 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
8894 SPLICE
21682 POLY
1454372 'A'
5860 POLYADENYLAT?
72959 PROMOTER
222731 SITE#
375038 SEQUENCE#
232937 REDUC?
106436 LOWER?
171676 DECREAS?
L46 1101 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
DECREAS?)

FILE 'WPIDS'
21906 TRANSCRIPTION
219948 FACTOR#
3787 TRANSCRIPTION FACTOR#
(TRANSCRIPTION(W) FACTOR#)
13410 SPLICE
203077 POLY
14507443 'A'

2058 POLYADENYLAT?
49946 PROMOTER
177531 SITE#
333570 SEQUENCE#
2894804 REDUC?
63343 REDN
2921606 REDUC?
 (REDUC? OR REDN)
1560267 LOWER?
321167 DECREAS?
L47 222 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
 OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
 DECREAS?)

TOTAL FOR ALL FILES

L48 10935 (TRANSCRIPTION FACTOR# OR SPLICE OR POLY(W) 'A' OR POLYADENYLAT?
 OR PROMOTER) (5A) (SITE# OR SEQUENCE#) (15A) (REDUC? OR LOWER? OR
 DECREAS?)

=> s l12(15a)l48

FILE 'MEDLINE'

L49 21 L1 (15A)L37

FILE 'SCISEARCH'

L50 20 L2 (15A)L38

FILE 'LIFESCI'

L51 24 L3 (15A)L39

FILE 'BIOTECHDS'

L52 16 L4 (15A)L40

FILE 'BIOSIS'

L53 17 L5 (15A)L41

FILE 'EMBASE'

L54 20 L6 (15A)L42

FILE 'HCAPLUS'

L55 75 L7 (15A)L43

FILE 'NTIS'

L56 0 L8 (15A)L44

FILE 'ESBIOBASE'

L57 23 L9 (15A)L45

FILE 'BIOTECHNO'

L58 14 L10(15A)L46

FILE 'WPIDS'

L59 20 L11(15A)L47

TOTAL FOR ALL FILES

L60 250 L12(15A) L48

=> s transcription factor#

FILE 'MEDLINE'

 337726 TRANSCRIPTION

 2877943 FACTOR#

L61 161976 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION(W)FACTOR#)

FILE 'SCISEARCH'
 273450 TRANSCRIPTION
 1874738 FACTOR#
L62 114446 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'LIFESCI'
 156417 "TRANSCRIPTION"
 438675 FACTOR#
L63 55198 TRANSCRIPTION FACTOR#
 ("TRANSCRIPTION" (W) FACTOR#)

FILE 'BIOTECHDS'
 24119 TRANSCRIPTION
 51293 FACTOR#
L64 4145 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'BIOSIS'
 288565 TRANSCRIPTION
 1736661 FACTOR#
L65 100433 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'EMBASE'
 341674 "TRANSCRIPTION"
 1625183 FACTOR#
L66 113120 TRANSCRIPTION FACTOR#
 ("TRANSCRIPTION" (W) FACTOR#)

FILE 'HCAPLUS'
 418562 TRANSCRIPTION
 1883024 FACTOR#
L67 230491 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'NTIS'
 2454 TRANSCRIPTION
 157326 FACTOR#
L68 627 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'ESBIOBASE'
 159589 TRANSCRIPTION
 637998 FACTOR#
L69 72290 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'BIOTECHNO'
 160885 TRANSCRIPTION
 296524 FACTOR#
L70 41412 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

FILE 'WPIDS'
 21906 TRANSCRIPTION
 219948 FACTOR#
L71 3787 TRANSCRIPTION FACTOR#
 (TRANSCRIPTION (W) FACTOR#)

TOTAL FOR ALL FILES

L72 897925 TRANSCRIPTION FACTOR#
=> s 124 and 172
FILE 'MEDLINE'
L73 12 L13 AND L61

FILE 'SCISEARCH'
L74 4 L14 AND L62

FILE 'LIFESCI'
L75 6 L15 AND L63

FILE 'BIOTECHDS'
L76 2 L16 AND L64

FILE 'BIOSIS'
L77 3 L17 AND L65

FILE 'EMBASE'
L78 5 L18 AND L66

FILE 'HCAPLUS'
L79 14 L19 AND L67

FILE 'NTIS'
L80 0 L20 AND L68

FILE 'ESBIOBASE'
L81 2 L21 AND L69

FILE 'BIOTECHNO'
L82 2 L22 AND L70

FILE 'WPIDS'
L83 4 L23 AND L71

TOTAL FOR ALL FILES
L84 54 L24 AND L72

=> s (136 or 160 or 184) not 2001-2009/PY
FILE 'MEDLINE'
4988601 2001-2009/PY
(20010000-20099999/PY)
L85 48 (L25 OR L49 OR L73) NOT 2001-2009/PY

FILE 'SCISEARCH'
9339713 2001-2009/PY
(20010000-20099999/PY)
L86 34 (L26 OR L50 OR L74) NOT 2001-2009/PY

FILE 'LIFESCI'
1198295 2001-2009/PY
L87 30 (L27 OR L51 OR L75) NOT 2001-2009/PY

FILE 'BIOTECHDS'
189202 2001-2009/PY
L88 20 (L28 OR L52 OR L76) NOT 2001-2009/PY

FILE 'BIOSIS'
4629308 2001-2009/PY
L89 41 (L29 OR L53 OR L77) NOT 2001-2009/PY

FILE 'EMBASE'
4339074 2001-2009/PY
L90 32 (L30 OR L54 OR L78) NOT 2001-2009/PY

FILE 'HCAPLUS'
9657860 2001-2009/PY
L91 76 (L31 OR L55 OR L79) NOT 2001-2009/PY

FILE 'NTIS'
145095 2001-2009/PY
L92 0 (L32 OR L56 OR L80) NOT 2001-2009/PY

FILE 'ESBIOBASE'
2525667 2001-2009/PY
L93 24 (L33 OR L57 OR L81) NOT 2001-2009/PY

FILE 'BIOTECHNO'
368875 2001-2009/PY
L94 33 (L34 OR L58 OR L82) NOT 2001-2009/PY

FILE 'WPIDS'
7906353 2001-2009/PY
L95 10 (L35 OR L59 OR L83) NOT 2001-2009/PY

TOTAL FOR ALL FILES
L96 348 (L36 OR L60 OR L84) NOT 2001-2009/PY

| => log y | | | |
|----------------------|------------|-------|---------------|
| COST IN U.S. DOLLARS | SINCE FILE | ENTRY | TOTAL |
| FULL ESTIMATED COST | | 52.34 | SESSION 52.56 |

STN INTERNATIONAL LOGOFF AT 11:21:59 ON 22 JAN 2009